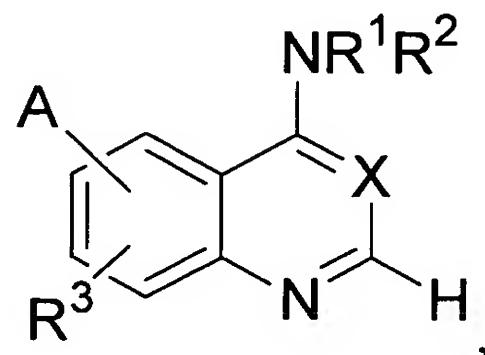


**WE CLAIM:**

1. A compound including resolved enantiomers, diastereomers, solvates and pharmaceutically acceptable salts thereof, said compound comprising Formula I:



wherein an A group is bonded to at least one of the carbons at the 5, 6, 7 or 8 position of the bicyclic ring, and the ring is substituted by up to three independent R<sup>3</sup> groups;

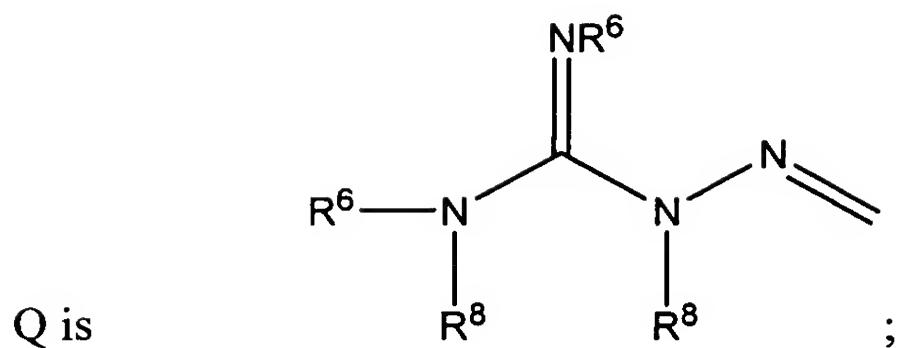
X is N, CH, CF or C-CN;

R<sup>1</sup> is a substituted or unsubstituted, monocyclic or bicyclic, aryl or heteroaryl moiety;

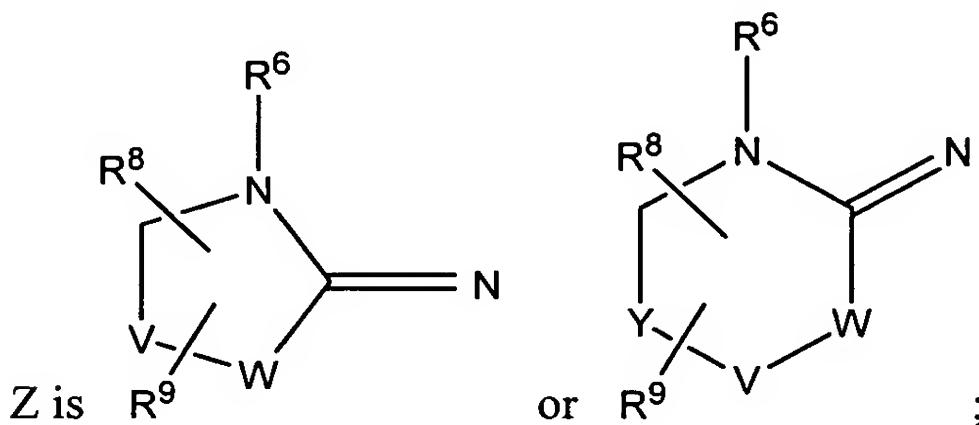
R<sup>2</sup> is H or a substituted or unsubstituted C<sub>1-8</sub> alkyl;

R<sup>3</sup> is hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>10</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkylalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)R<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, where each of the above alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl and heterocyclyl portion of R<sup>3</sup> is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)CR<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(NCN)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

A is Q or -(U)<sub>n</sub>Z, where



n is 0 or 1, and U is C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl or C<sub>2</sub>-C<sub>4</sub> alkynyl; where each alkyl, alkenyl or alkynyl is optionally substituted with up to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)CR<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(NCN)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;



where W, V and Y are selected independently from CR<sup>7</sup>R<sup>8</sup>, CR<sup>8</sup>R<sup>9</sup>, O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, provided

if W is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then V is CR<sup>8</sup>R<sup>9</sup>,

if V is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then W and Y are each CR<sup>8</sup>R<sup>9</sup>, and

if Y is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then V is CR<sup>8</sup>R<sup>9</sup>;

Z includes one or more R<sup>8</sup> or R<sup>9</sup> groups, wherein said R<sup>8</sup> and R<sup>9</sup> groups may be bonded to the same or different atoms;

R<sup>4</sup> is H or C<sub>1-6</sub> alkyl;

R<sup>5</sup> is trifluoromethyl, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, where each alkyl, cycloalkyl, aryl, heteroaryl, heterocyclyl and heterocyclylalkyl is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, OR<sup>6</sup>,

NR<sup>4</sup>R<sup>6</sup>, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

R<sup>6</sup>, R<sup>8</sup> and R<sup>9</sup> are independently selected from hydrogen, trifluoromethyl, C<sub>1</sub>-C<sub>10</sub> alkyl, (CH<sub>2</sub>)<sub>0-4</sub>C<sub>3</sub>-C<sub>10</sub> cycloalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, where each alkyl, cycloalkyl, aryl, heteroaryl and heterocyclyl is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, OR<sup>6</sup>, NR<sup>6</sup>R<sup>8</sup>, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided if R<sup>6</sup> is directly bonded to Z, then R<sup>6</sup> is not hydrogen;

R<sup>7</sup> is hydrogen, halogen, cyano, nitro, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>10</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkylalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)R<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, where each of the above alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl and heterocyclyl portion of R<sup>3</sup> is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)CR<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(NCN)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

an R<sup>4</sup> group and an R<sup>6</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms;

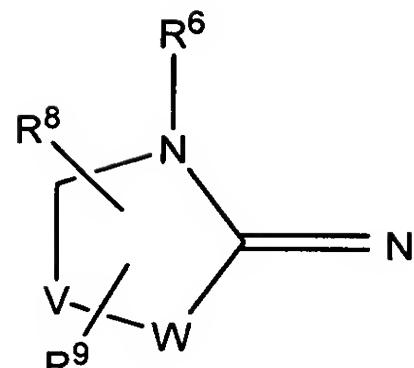
an R<sup>6</sup> group and an R<sup>8</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be

optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms;

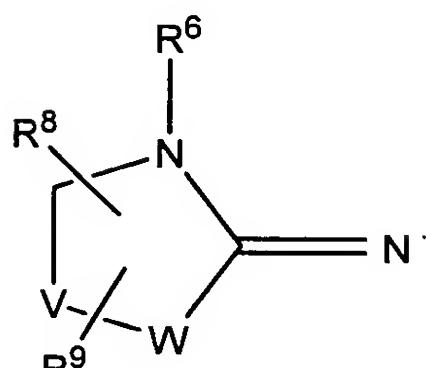
an R<sup>7</sup> group and an R<sup>8</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms; and

an R<sup>8</sup> group and an R<sup>9</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

2. The compound of claim 1, wherein R<sup>2</sup> is a C<sub>1-8</sub> alkyl having a terminal carbon atom bound to one of the ring atoms of R<sup>1</sup>.
3. The compound of claim 1, wherein an A group is bonded to at least one of the carbons at the 6 or 7 position of the bicyclic ring.
4. The compound of claim 1, wherein R<sup>2</sup> is hydrogen, R<sup>3</sup> is hydrogen or OR<sup>6</sup>, and X is N or C-CN.
5. The compound of claim 3, wherein R<sup>3</sup> is hydrogen or OR<sup>6</sup>, n is 0, and X is N or C-CN.
6. The compound of claim 1, wherein R<sup>2</sup> is hydrogen.



7. The compound of claim 1, wherein Z is , W is O and X is CR<sup>8</sup>R<sup>9</sup>.



8. The compound of claim 5, wherein Z is , W is O and X is CR<sup>8</sup>R<sup>9</sup>.

9. The compound of claim 1, wherein the R<sup>4</sup> group and the R<sup>6</sup> group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

10. The compound of claim 1, wherein the R<sup>6</sup> group and the R<sup>8</sup> group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

11. The compound of claim 1, wherein the R<sup>7</sup> group and the R<sup>8</sup> group are independently joined to complete a 3 to 10 membered cyclic ring optionally

containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms

12. The compound of claim 1, wherein the R<sup>8</sup> group and the R<sup>9</sup> group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

13. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 1 to said mammal.

14. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 2 to said mammal.

15. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 3 to said mammal.

16. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 4 to said mammal.

17. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 5 to said mammal.

18. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 6 to said mammal.
19. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 7 to said mammal.
20. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 8 to said mammal.
21. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 9 to said mammal.
22. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 10 to said mammal.
23. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 11 to said mammal.
24. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 12 to said mammal.